

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004022.D
 Acq On : 18 Jul 2018 09:29
 Operator : VA/AP
 Sample : J3997-11RE
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-SRE

Quant Time: Jul 18 10:59:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	257569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	105992	64.09	ug/l	0.00
Spiked Amount			Recovery	=	128.18%	
35) Dibromofluoromethane	7.88	113	90743	54.91	ug/l	0.00
Spiked Amount			Recovery	=	109.82%	
50) Toluene-d8	10.33	98	307536	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	100699	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	

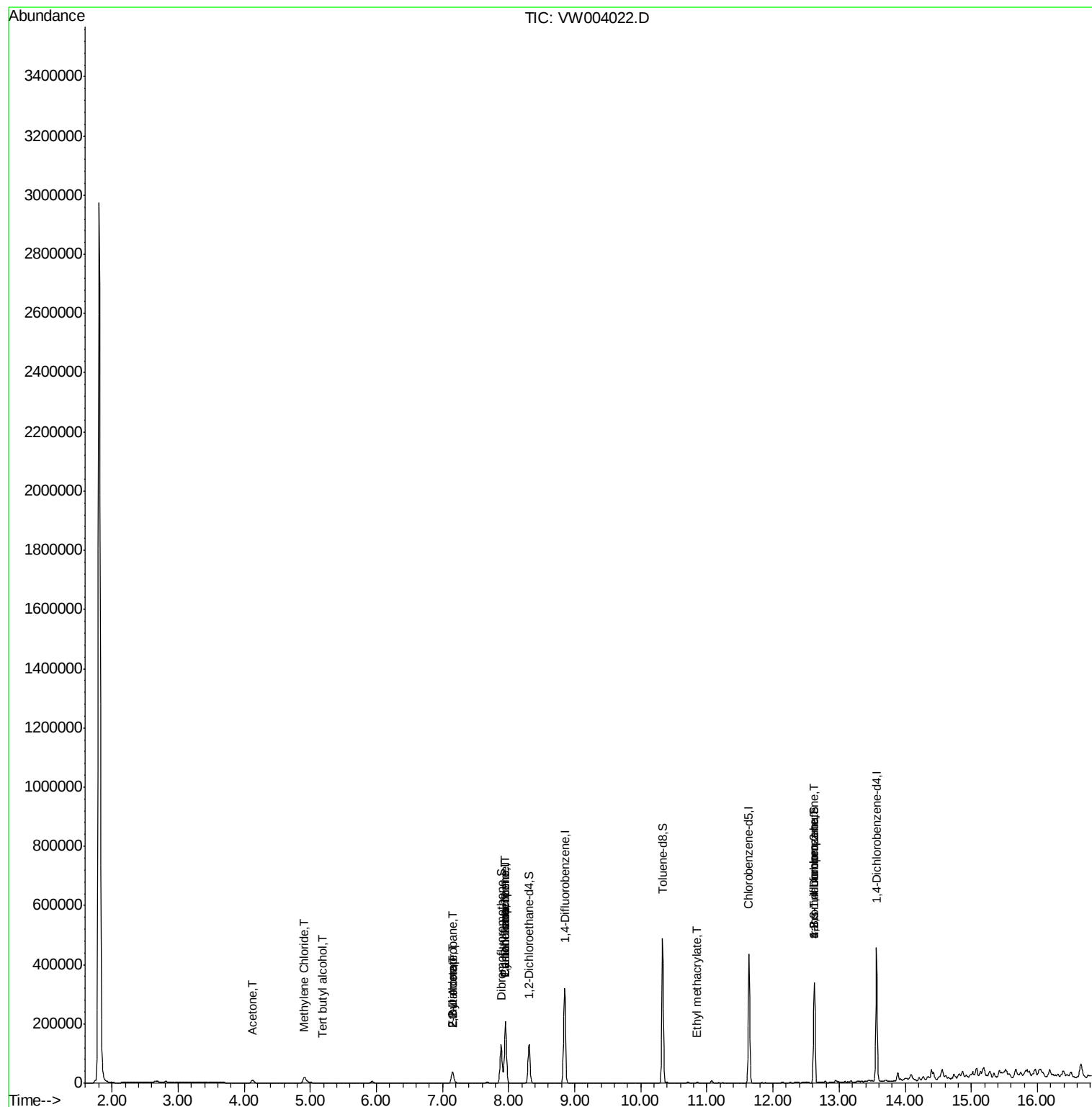
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	858	7.52	ug/l #	72
16) Acetone	4.12	43	16906	42.54	ug/l	90
20) Methylene Chloride	4.92	84	16260	1.67	ug/l	95
25) 2-Butanone	7.15	43	2607	4.87	ug/l #	89
26) 2,2-Dichloropropane	7.15	77	2449	1.46	ug/l #	52
31) Cyclohexane	7.95	56	3928	1.43	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12853	4.85	ug/l #	50
37) Ethyl Acetate	7.15	43	2607	2.04	ug/l #	1
38) Carbon Tetrachloride	7.95	117	15170	6.13	ug/l #	17
56) Ethyl methacrylate	10.84	69	129	3.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	54793	49.15	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54793	108.71	ug/l #	11

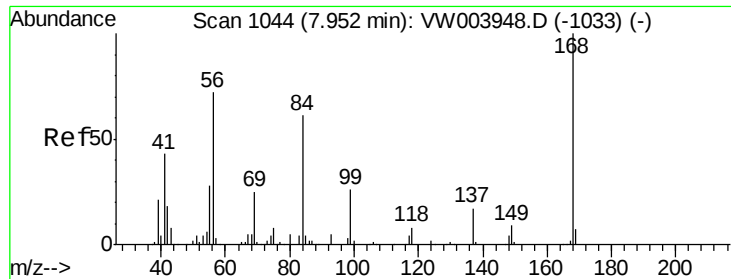
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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QLast Update : Mon Jul 16 15:06:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Instrument :

MSVOA_W

ClientSampleId :

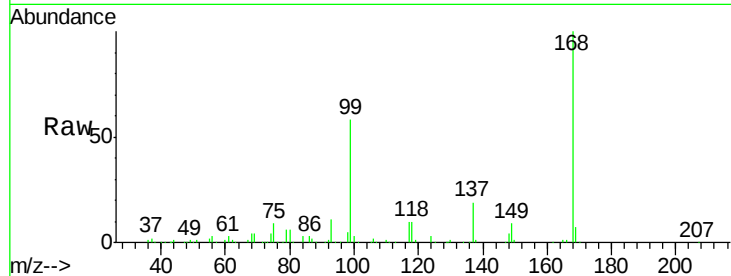
TP-H-SRE

Tot Ion:168 Resp: 147946

Ion Ratio Lower Upper

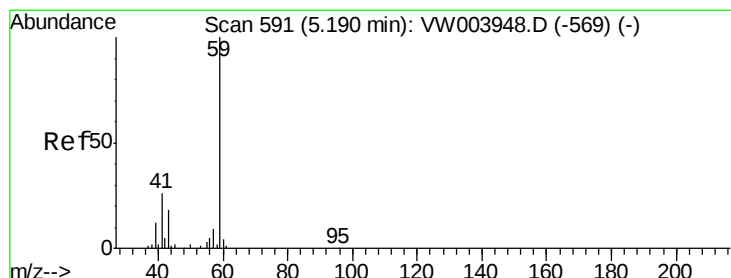
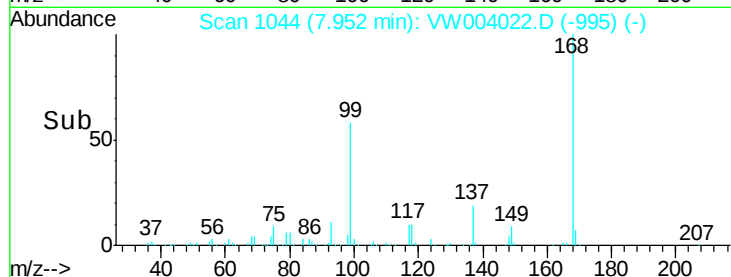
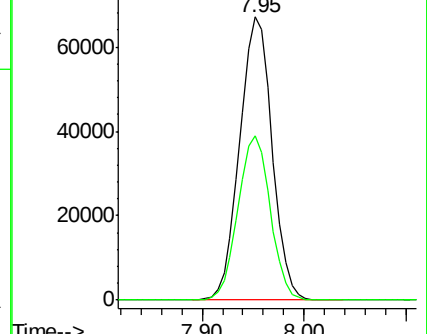
168 100

99 58.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 7.52 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.00 min

Lab File: VW004022.D

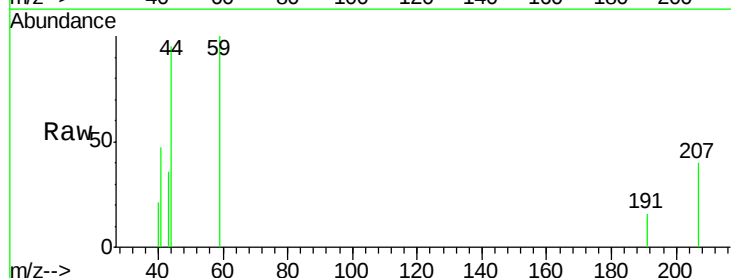
Acq: 18 Jul 2018 09:29

Tgt Ion: 59 Resp: 858

Ion Ratio Lower Upper

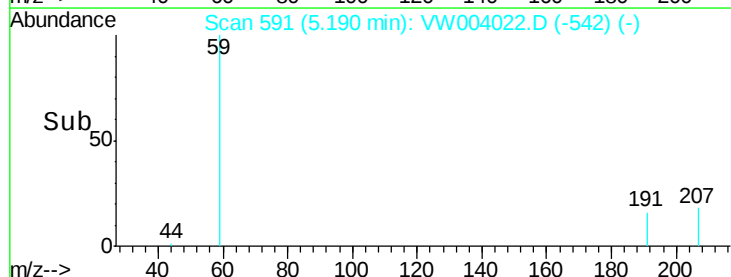
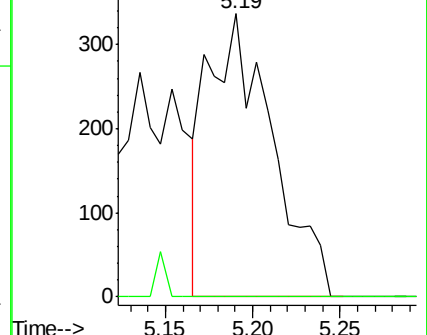
59 100

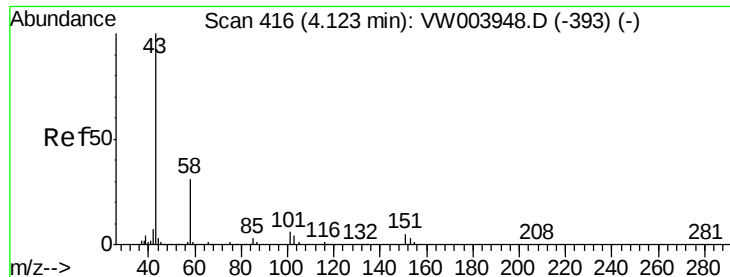
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 42.54 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Instrument :

MSVOA_W

ClientSampleId :

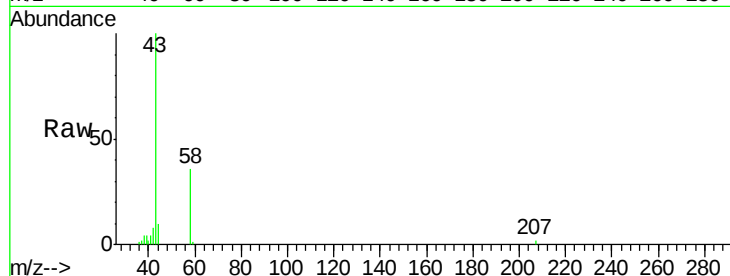
TP-H-SRE

Tot Ion: 43 Resp: 16906

Ion Ratio Lower Upper

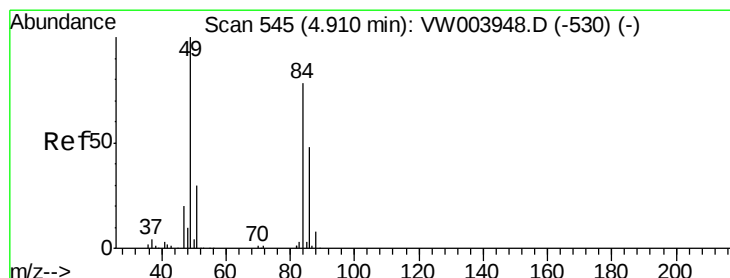
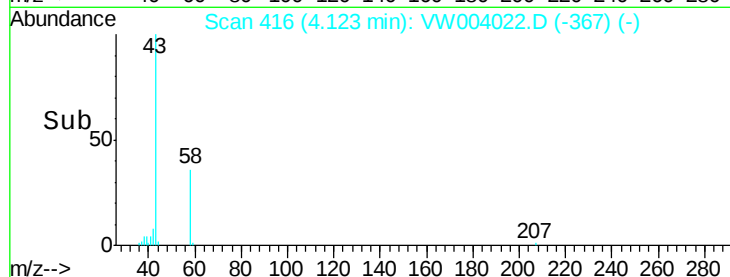
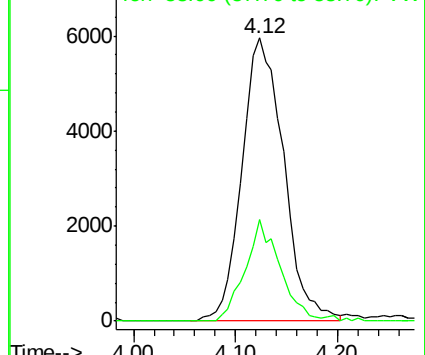
43 100

58 35.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.67 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Tgt Ion: 84 Resp: 16260

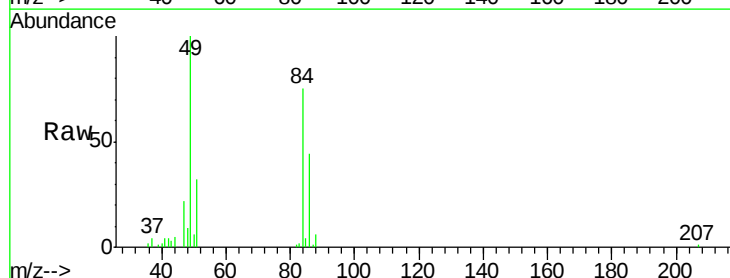
Ion Ratio Lower Upper

84 100

49 133.0 102.9 154.3

51 43.0 30.9 46.3

86 58.6 49.9 74.9

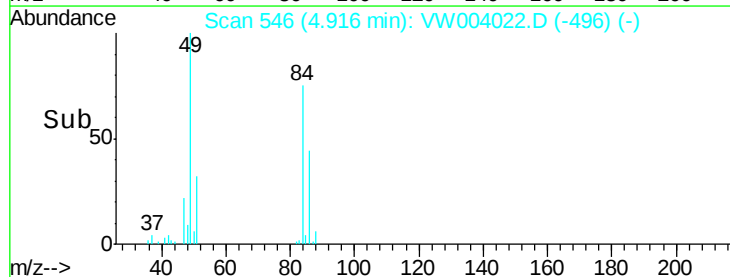
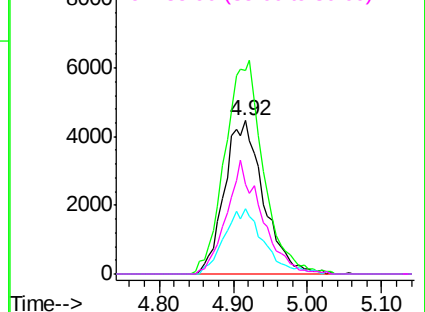


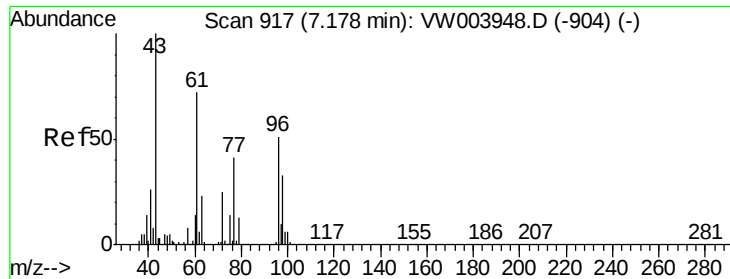
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

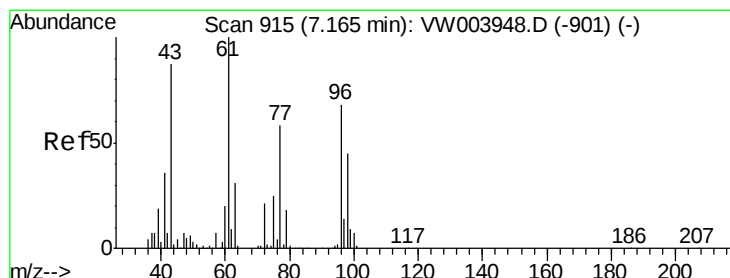
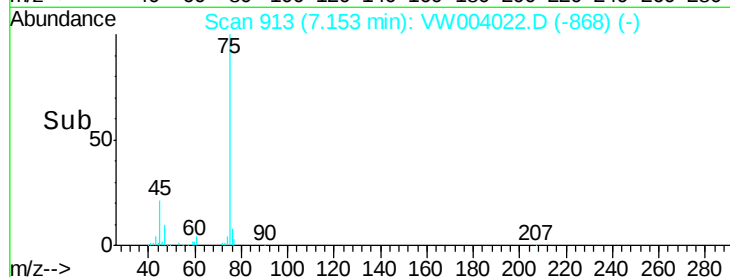
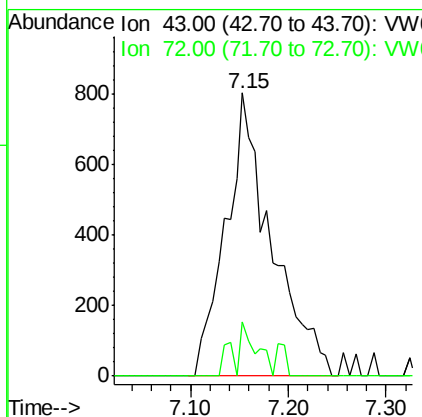
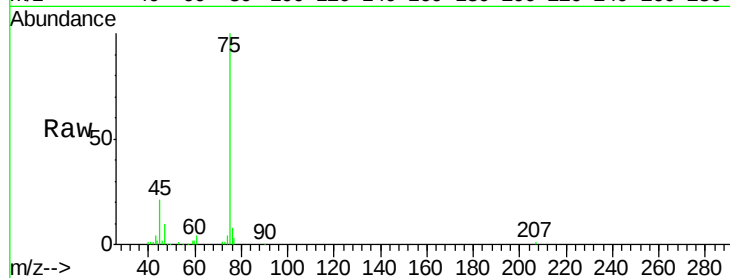




#25
 2-Butanone
 Concen: 4.87 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW004022.D
 Acq: 18 Jul 2018 09:29

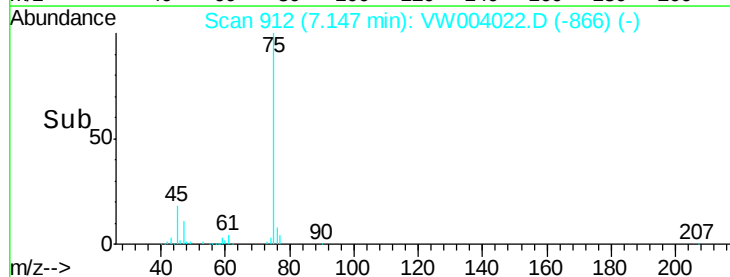
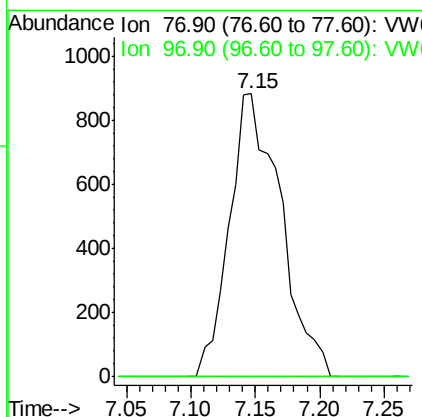
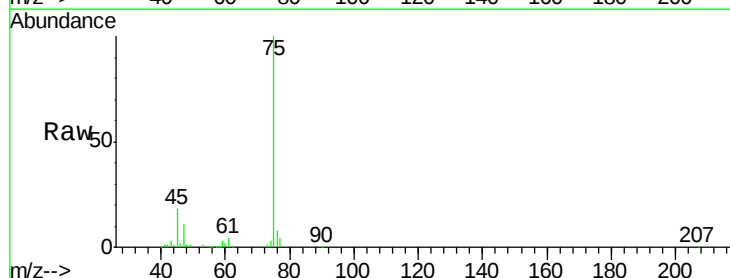
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-SRE

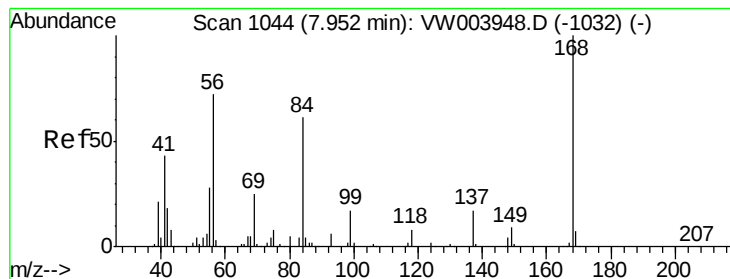
Tot Ion: 43 Resp: 2607
 Ion Ratio Lower Upper
 43 100
 72 19.1 19.8 29.6#



#26
 2,2-Dichloropropane
 Concen: 1.46 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VW004022.D
 Acq: 18 Jul 2018 09:29

Tgt Ion: 77 Resp: 2449
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#





#31

Cyclohexane

Concen: 1.43 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Instrument :

MSVOA_W

ClientSampleId :

TP-H-SRE

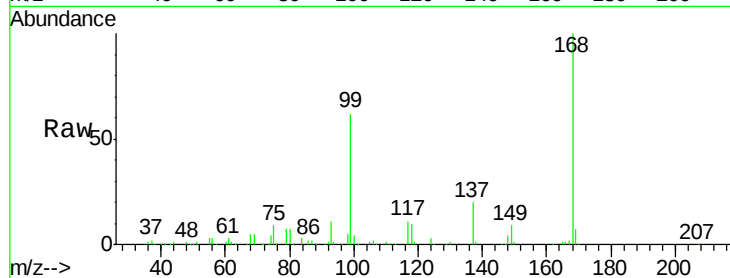
Tot Ion: 56 Resp: 3928

Ion Ratio Lower Upper

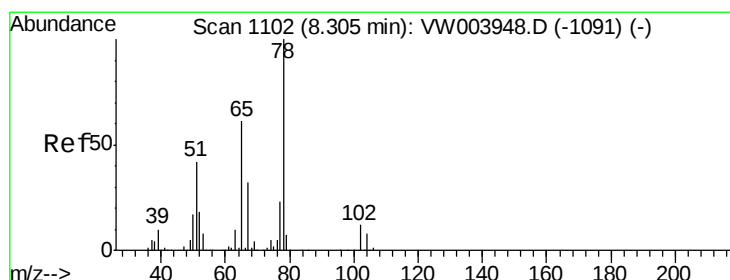
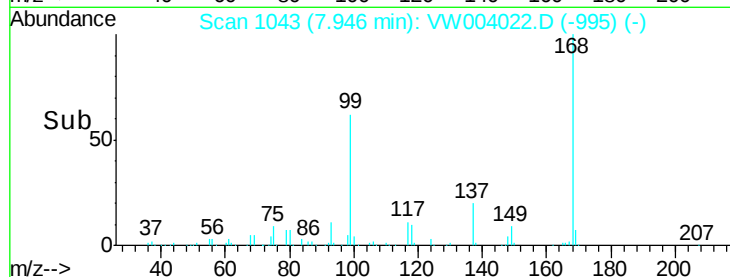
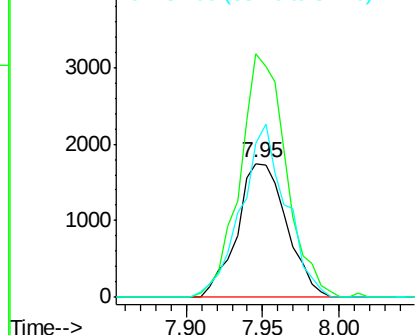
56 100

69 182.2 27.8 41.8#

84 115.5 67.2 100.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 64.09 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004022.D

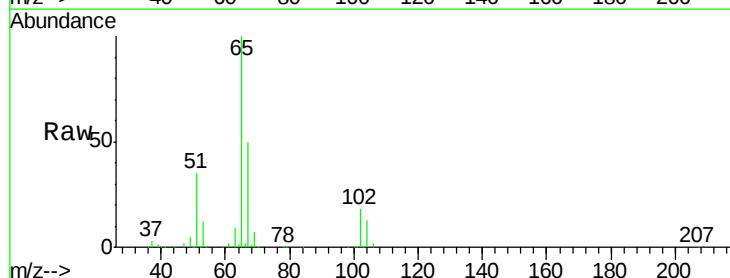
Acq: 18 Jul 2018 09:29

Tgt Ion: 65 Resp: 105992

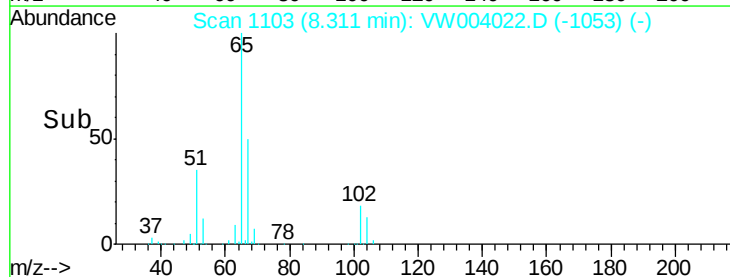
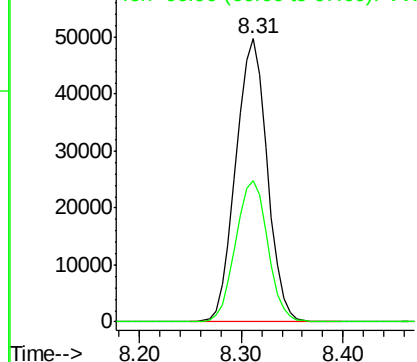
Ion Ratio Lower Upper

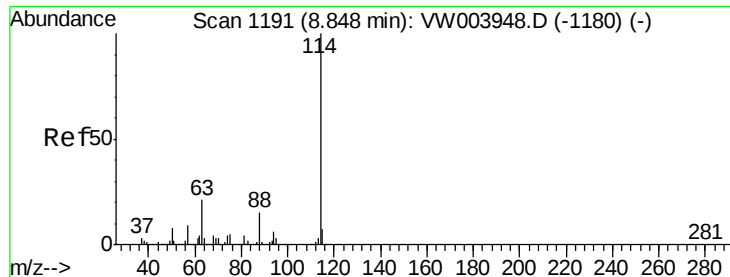
65 100

67 51.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

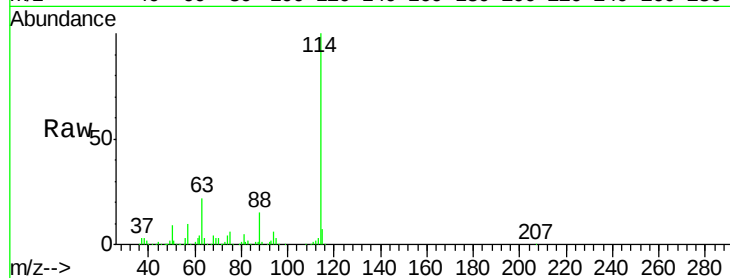




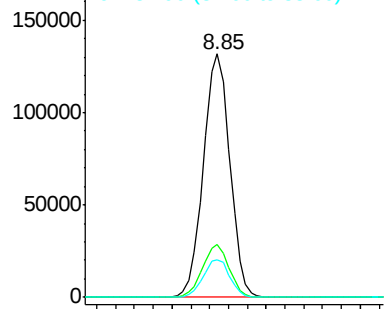
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004022.D
 Acq: 18 Jul 2018 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-SRE

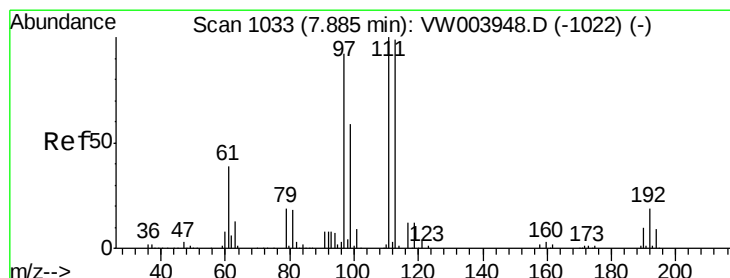
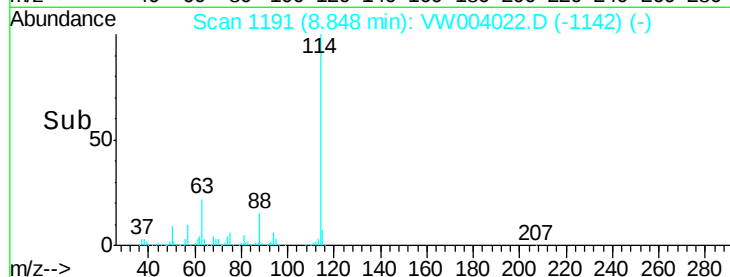
Tot Ion:114 Resp: 257569
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

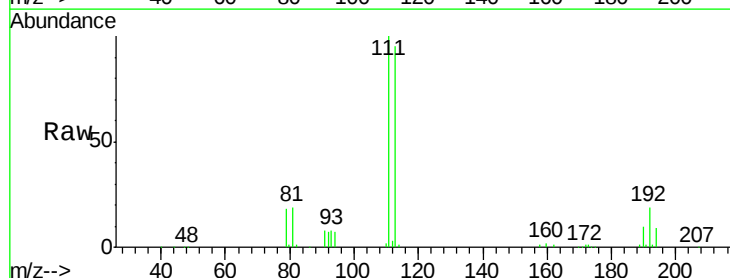


Time-->

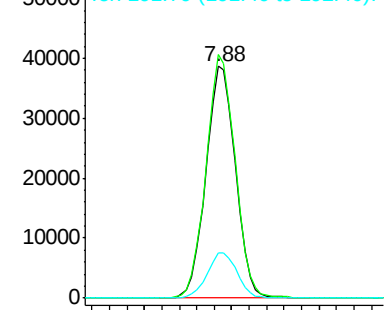


#35
 Dibromofluoromethane
 Concen: 54.91 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004022.D
 Acq: 18 Jul 2018 09:29

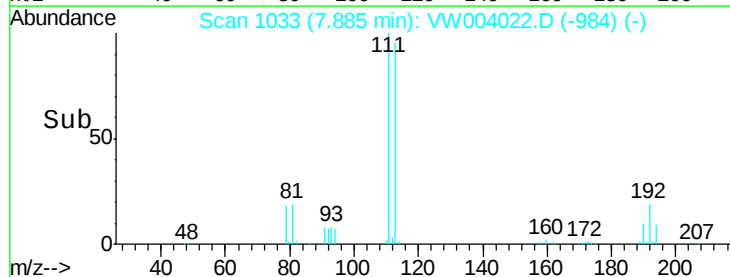
Tgt Ion:113 Resp: 90743
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 19.6 15.8 23.6

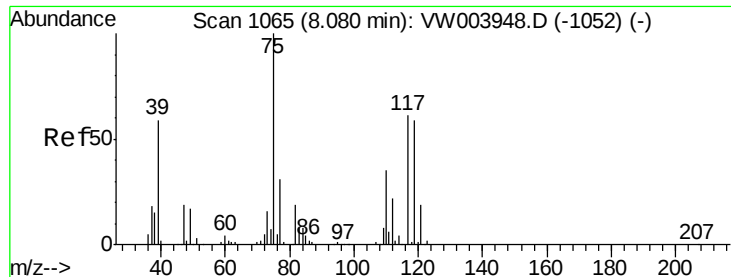


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

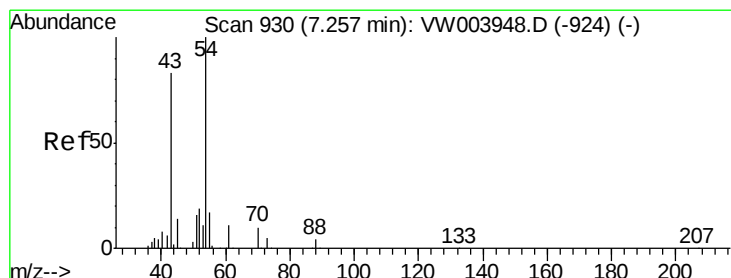
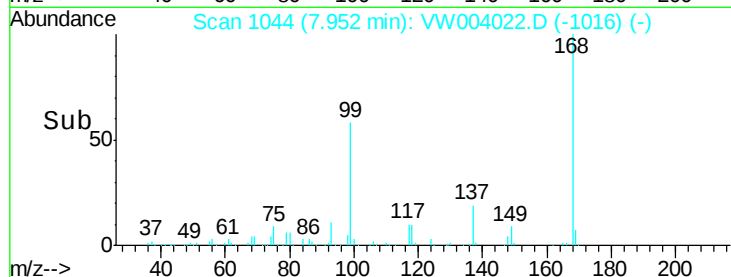
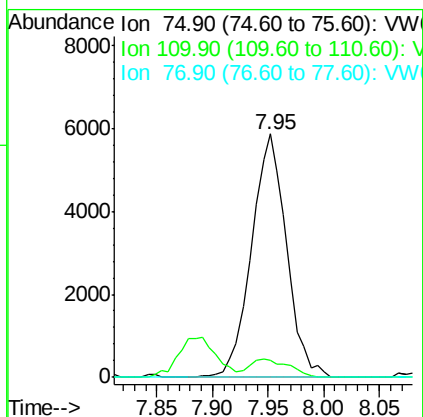
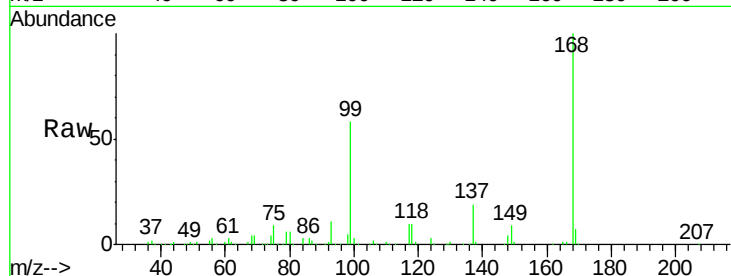




#36
 1,1-Dichloropropene
 Concen: 4.85 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004022.D
 Acq: 18 Jul 2018 09:29

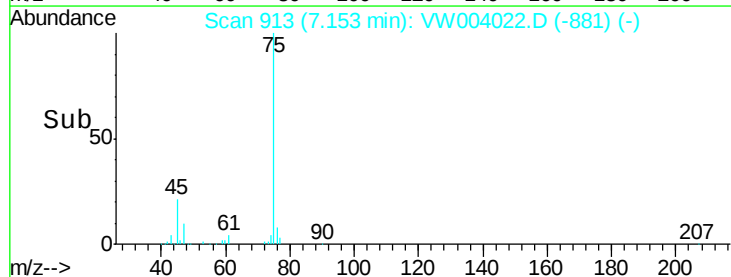
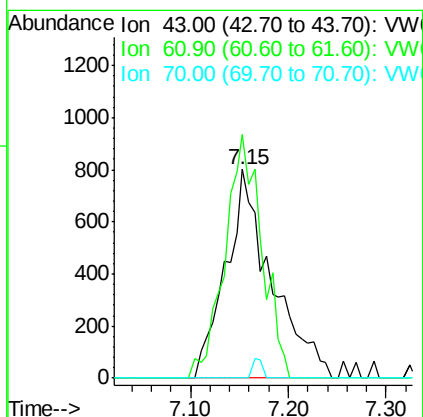
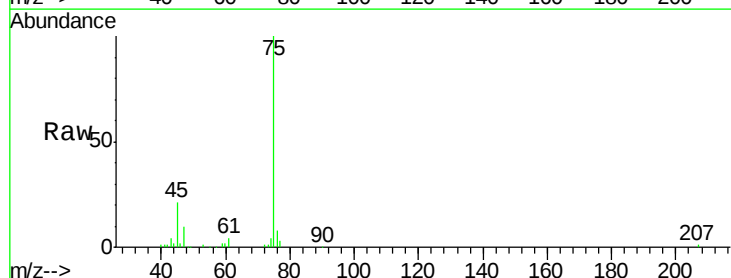
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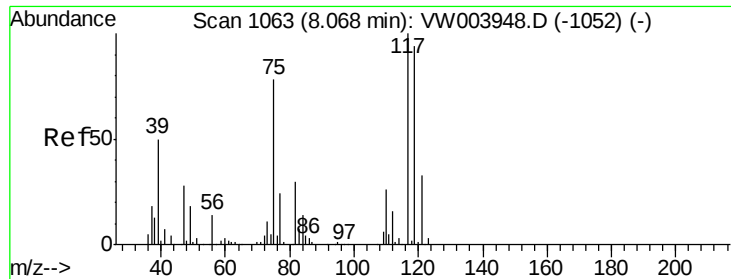
Tot Ion: 75 Resp: 12853
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 51.0#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 2.04 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.10 min
 Lab File: VW004022.D
 Acq: 18 Jul 2018 09:29

Tgt Ion: 43 Resp: 2607
 Ion Ratio Lower Upper
 43 100
 61 93.7 10.7 16.1#
 70 2.0 7.7 11.5#

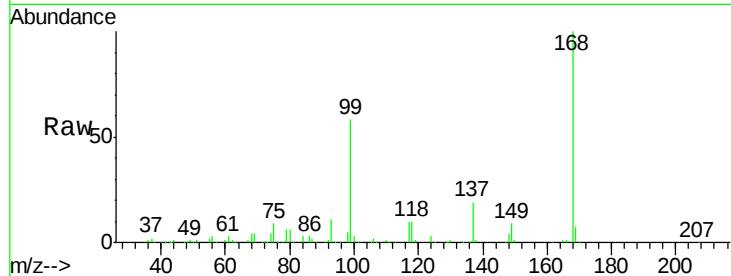




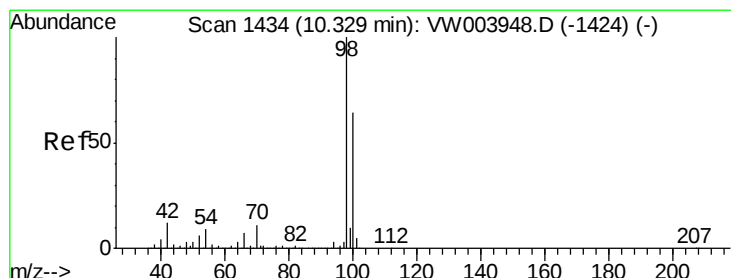
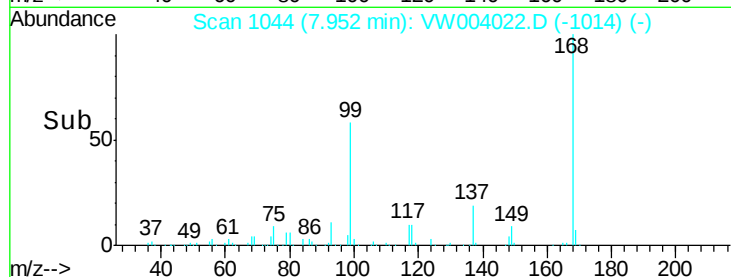
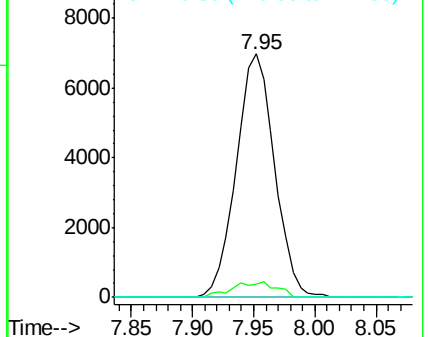
#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004022.D
Acq: 18 Jul 2018 09:29

Instrument :
MSVOA_W
ClientSampleId :
TP-H-SRE

Tot Ion:117 Resp: 15170
Ion Ratio Lower Upper
117 100
119 5.3 75.3 112.9#
121 0.0 26.0 39.0#

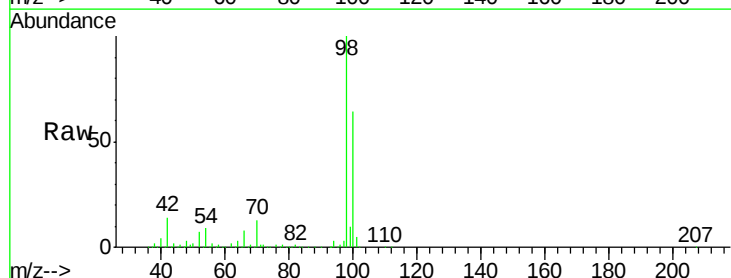


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

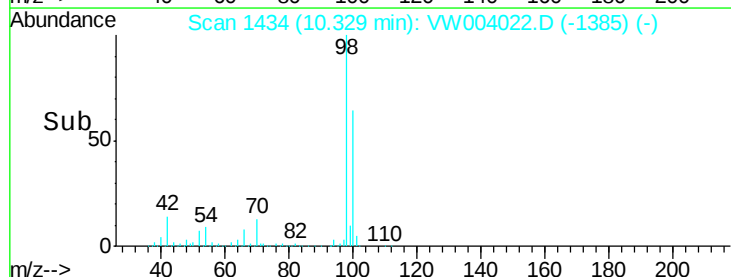
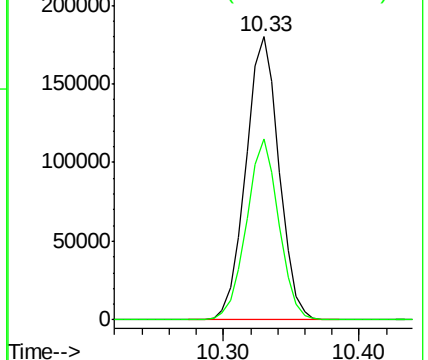


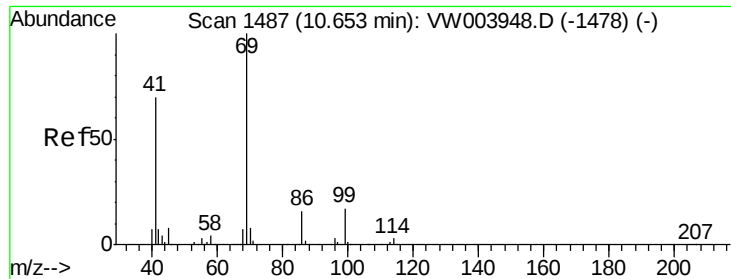
#50
Toluene-d8
Concen: 47.96 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004022.D
Acq: 18 Jul 2018 09:29

Tgt Ion: 98 Resp: 307536
Ion Ratio Lower Upper
98 100
100 62.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.01 ug/l

RT: 10.84 min Scan# 1518

Delta R.T. 0.19 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Instrument :

MSVOA_W

ClientSampleId :

TP-H-SRE

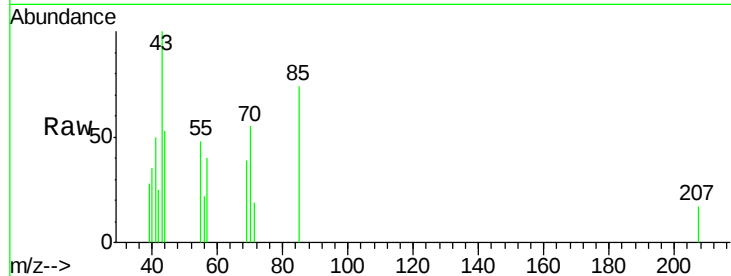
Tot Ion: 69 Resp: 129

Ion Ratio Lower Upper

69 100

41 400.8 56.5 84.7#

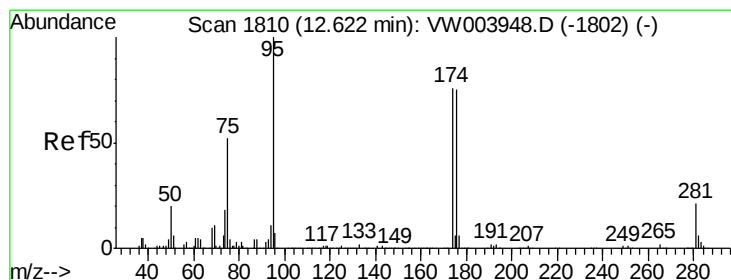
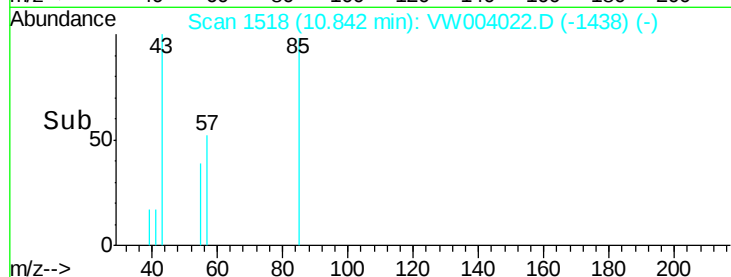
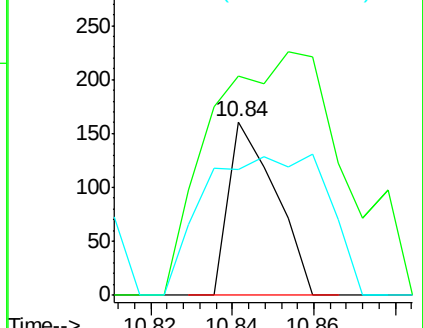
39 212.4 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 43.55 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

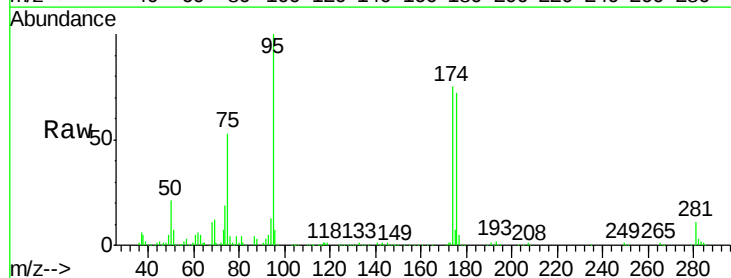
Tgt Ion: 95 Resp: 100699

Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.2

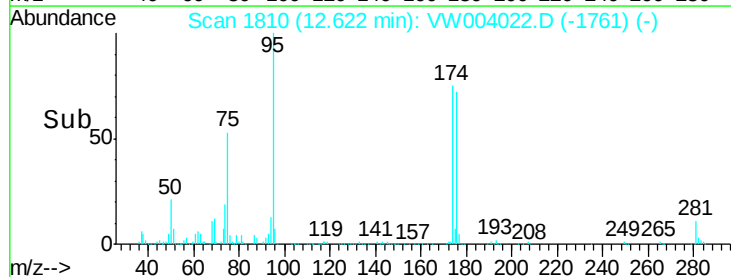
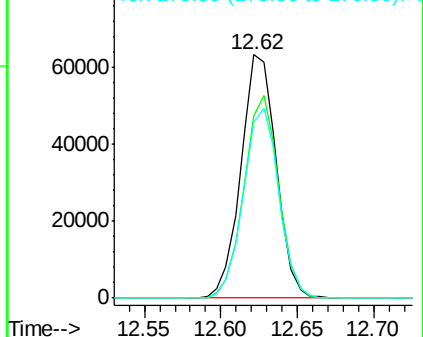
176 79.0 0.0 155.8

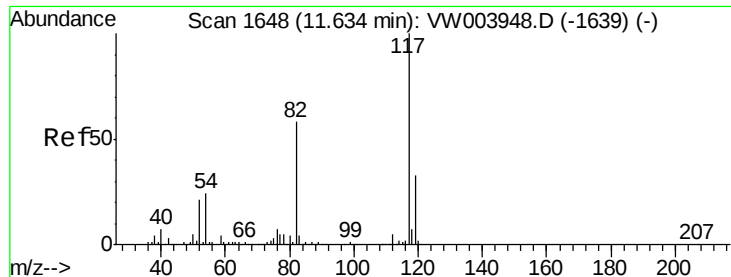


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

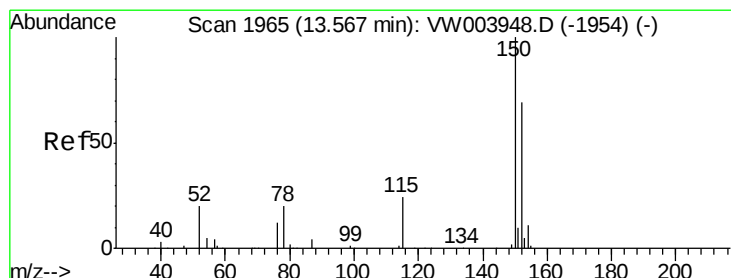
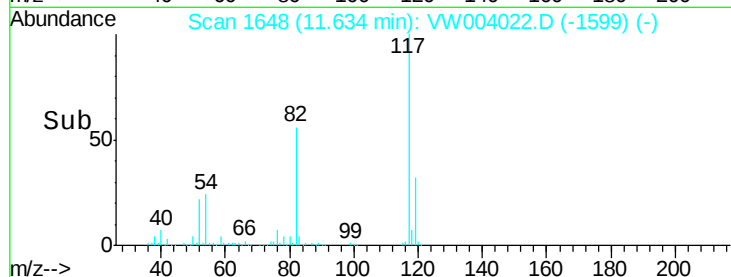
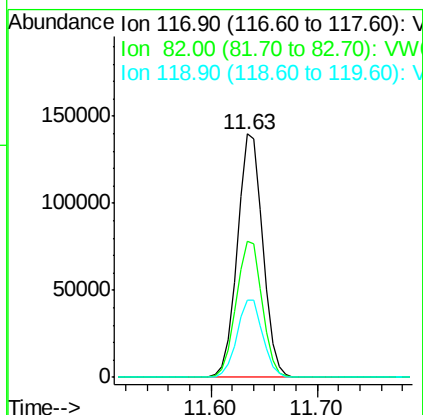
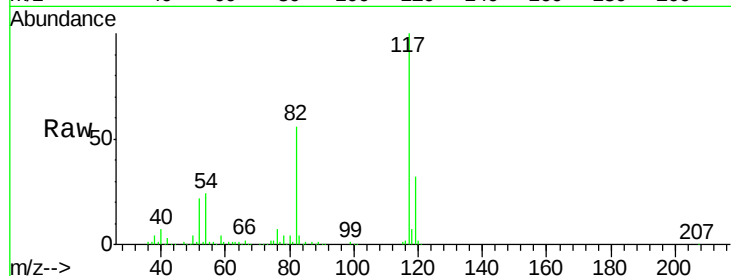




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004022.D
Acq: 18 Jul 2018 09:29

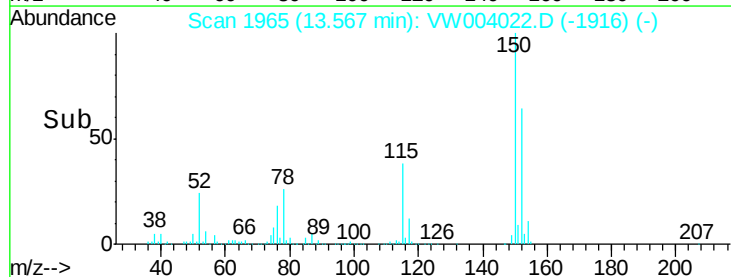
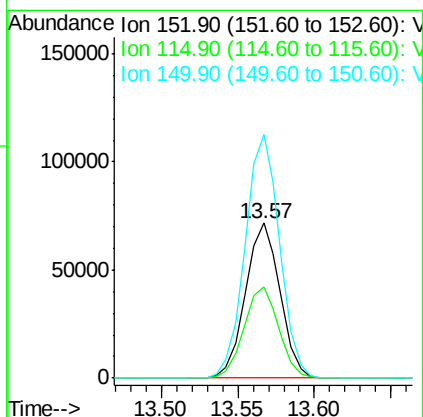
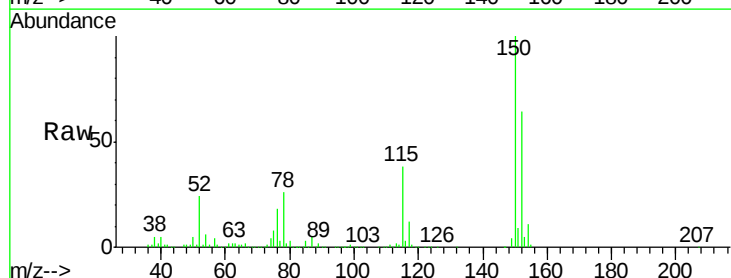
Instrument :
MSVOA_W
ClientSampleId :
TP-H-SRE

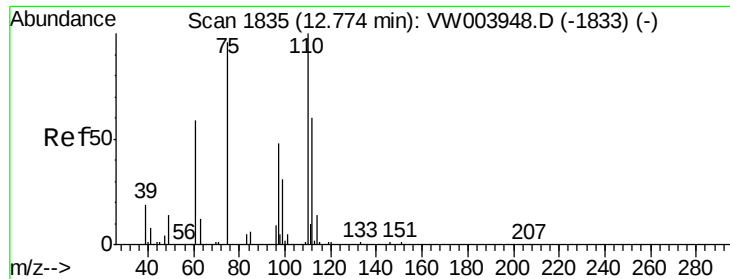
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	31.9	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004022.D
Acq: 18 Jul 2018 09:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.2	87.6
150	156.8	0.0	345.2





#76

1,2,3-Trichloropropane

Concen: 49.15 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Instrument :

MSVOA_W

ClientSampleId :

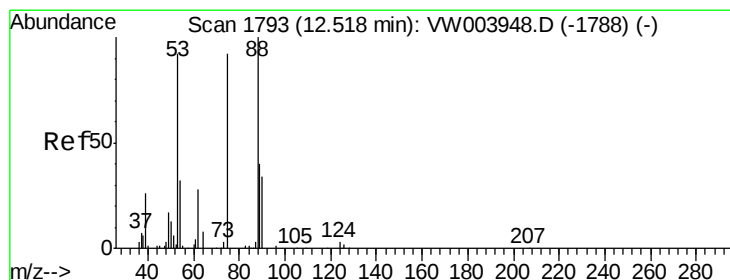
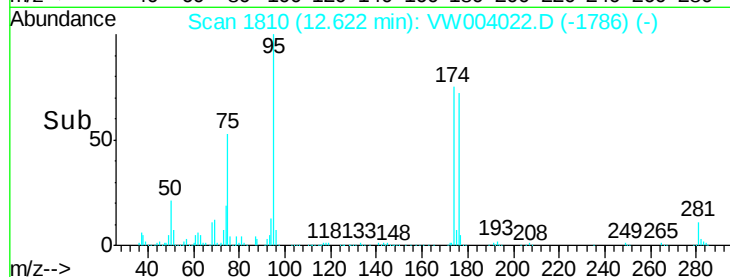
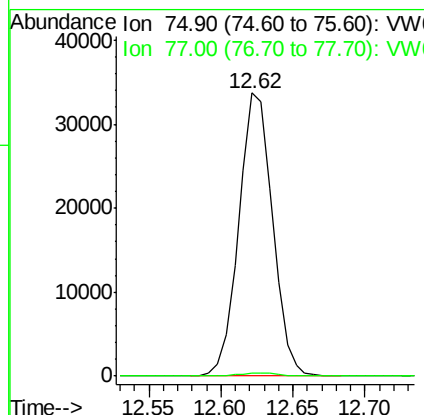
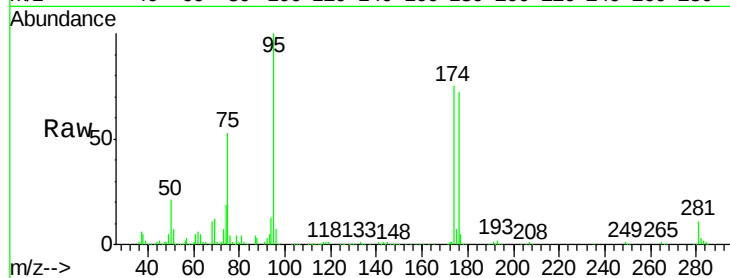
TP-H-SRE

Tot Ion: 75 Resp: 54793

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.71 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004022.D

Acq: 18 Jul 2018 09:29

Tgt Ion: 75 Resp: 54793

Ion Ratio Lower Upper

75 100

53 0.3 77.6 116.4#

89 0.1 36.6 54.8#

